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(54) Title: PRODUCTION OF HYDROCARBONS FROM A SYNTHESIS GAS

(57) Abstract: A method of treating an untreated catalyst support includes contacting an untreated catalyst support which is partially soluble in an aqueous acid and/or a neutral aqueous solution with a modifying component precursor of the formula Me(OR)<sub>x</sub> where Me is a modifying component selected from Si, Zr, Ti, Cu, Zn, Mn, Ba, Co, Ni, Na, K, Ca, Sn, Cr, Fe, Li, Tl, Mg, Sr, Ga, Sb, V, Hf, Th, Ce, Ge, U, Nb, Ta, and W, R is an alkyl or acyl group, and x is an integer having a value of from 1 to 5. The modifying component is thereby introduced onto and/or into the catalyst support to form a protected modified catalyst support which is less soluble in the aqueous acid and/or the neutral aqueous solution. No calcination of the protected modified catalyst support is effected.

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## INTERNATIONAL SEARCH REPORT

In **onal Application No**  
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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 B01J37/02 B01J21/04 B01J21/06 B01J23/02 C10G2/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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X	WO 99 42214 A (SASOL CHEMICALS EUROP LTD ;BERGE PETER JACOBUS VAN (ZA); LOOSDRECH) 26 August 1999 (1999-08-26) cited in the application	1-16, 20-29
Y	page 1 -page 12; claims 1,2,4-6,8,10,12,14,16	17-19
Y	WO 97 33690 A (HOECHST CELANESE CORP) 18 September 1997 (1997-09-18) page 6, line 13 - line 21	17-19
X	US 3 274 120 A (AFTANDILIAN VICTOR D) 20 September 1966 (1966-09-20)	1-3,5
Y	the whole document	9,10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*8\* document member of the same patent family

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## INTERNATIONAL SEARCH REPORT

Original Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A		9-11,16, 20-25
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## INTERNATIONAL SEARCH REPORT

Information on patent family members

Initial Application No

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